

Claims

- [c1] 1. A pad backer, comprising:
a backing plate;
an elastomer layer, having a bottom surface bonded to the backing plate and an upper surface with at least one protrudent part or recessed part at an edge portion thereof; and
a pad backing ring, having an inner bottom surface with at least one recessed part or protrudent part thereon matching with the protrudent part or the recessed part on the upper surface of the elastomer layer, such that the elastomer layer is fixed onto the pad backing ring through engagement of the protrudent part and the recessed part.
- [c2] 2. The pad backer of claim 1, wherein the recessed part is on the inner bottom surface of the pad backing ring and the protrudent part on the edge portion of the upper surface of the elastomer layer.
- [c3] 3. The pad backer of claim 1, wherein the backing plate and the elastomer layer has the same lateral area.
- [c4] 4. The pad backer of claim 1, wherein the elastomer

layer is bonded to the backing plate via an adhesive.

[c5] 5. The pad backer of claim 1, wherein the backing plate comprises stainless steel.

[c6] 6. The pad backer of claim 1, wherein the elastomer layer comprises polyurethane (PU).

[c7] 7. The pad backer of claim 1, wherein the pad backing ring comprises stainless steel.

[c8] 8. A pad backer, comprising:
a backing plate;
an elastomer layer, having a bottom surface bonded to the backing plate; and
a pad backing ring, having an inner portion engaged with an edge portion of an upper surface of the elastomer layer for fixing the elastomer layer onto the pad backing ring.

[c9] 9. The pad backer of claim 8, wherein the backing plate and the elastomer layer has the same lateral area.

[c10] 10. The pad backer of claim 8, wherein the elastomer layer is bonded to the backing plate via an adhesive.

[c11] 11. The pad backer of claim 8, wherein the backing plate comprises stainless steel.

- [c12] 12. The pad backer of claim 8, wherein the elastomer layer comprises polyurethane (PU).
- [c13] 13. The pad backer of claim 8, wherein the pad backing ring comprises stainless steel.